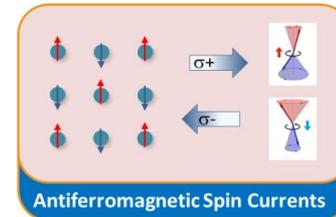


Spins and Heat in Nanoscale Electronic Systems (SHINES)

Jing Shi (University of California, Riverside); Class: 2014-2020

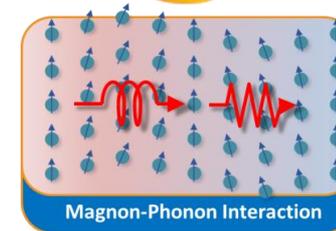
MISSION: To control interactions involving spins and lattice to achieve high energy efficiency in nanoscale electronic devices.



SHINES



Spins and Heat in
Nanoscale
Electronic Systems



<http://efrcshines.ucr.edu>

RESEARCH PLAN

SHINES EFRC will design and synthesize novel magnetic thin films and heterostructures, control microscopic interactions via material synthesis and application of external stimuli, and discover and understand new phenomena arising from tailored interactions that will result in new functionalities and high energy efficiency in nanoscale spintronics devices.



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SHINES

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